AUTHOR INDEX

Abe, Haruhiko 535
Abe, Miho 139, 487
Abeta, H. 576
Abiko, Yasushi 11
Acartürk, Esmeray 199, 669
Adachi, Susumu 749
Aizawa, Yoshifusa 369
Ajiki, Kohsuke 637
Akçay, Fatih 83, 273
Akgül, Ferit 669
Akimoto, H. 576
Akimoto, Hajime 877
Akutsu, Yasushi 207
Akyildiz, Muhittin 497
Albajinai, Wurin 263
Alicigüzel, Yakup 793
Altinyay, Erkan 333
Altunkeser, Bülent Behlül 333
Amano, Jun 749
Amemiya, N. 559
Anthonio, Rutger L. 697
Aomi, H. 582
Arai, Satoshi 219
Aránega, Amelia E. 779
Aránega, Antonia 779
Ari, Zeki 73, 83, 273, 497
Arslan, Taciser 73
Aruga, Masakazu 117
Asano, Goro 445
Ashida, Terunao 387
Asoh, M. 574
Aupetit, Jean-François 237
Awaya, Toru 219
Aydoğdu, Sinan 127

Baba, A. 580
Bailly, Patric 869
Banba, T. 600, 601
Bel, Klaas J. 841
Brazzalotto, Isabelle 869
Bui-Xuan, Bernard 237
Camilleri, Lionel 869
Celik, M. 787
Chan, Tsan-Fai 643
Chau, Elaine M. C. 643
Chen, Chaw-Fong 717
Chen, Ming-Ren 133
Chen, Wei-Jan 531, 541
Chern, Tser-Haw 227
Chiang, Cheng-Wen 531, 541
Chiang, Fu-Tien 227, 463, 717
Chiba, A. 581
Chichibu, S. 560, 581
Chierici, Franco 67
Chikugo, T. 571
Chinushi, Masaomi 369
Chow, Wing-Hing 643
Chu, Po-Hsien 531, 541
Cin, V. Gökhan 787
Crijns, Harry J. G. M. 841

de Boer, Eric 697
de Langen, Cees D. J. 841
de Riberolles, Charles 869
Değer, Necmi 625, 793
Demir, Mesut 669
Demirkiran, Meltem 199
Diker, Erdem 127
Dirsch, Olaf 457
Doi, Masayuki 281
Doi, Y. 582
Doi, Yutaka 831
Domae, Akira 831
Donini, Ippolito 67
Durmaz, Tahir 333

Ebihara, Akio 831
Ebihara, T. 568
Ece, Aydin 497
Ege, Hilmi 625
Eto, T. 567
Evreux, Jean-Claude 237

Faucon, Georges 237

Fersini, Carmelo 67
Flik, Ismail 273
Freysz, Marc 237
Fujii, Jun 387
Fujii, T. 572
Fujiki, Akira 419
Fujimoto, K. 572
Fujita, H. 575
Fujita, Tsuyoshi 291
Fujiwara, T. 565
Fukamachi, K. 594
Fukuda, Kazuyo 139, 487
Fukuda, Nobuo 139, 487
Fukuta, Y. 602, 603
Furuse, Akira 677, 709, 865
Fuse, Katsuo 859

Gallerani, Massimo 67
Gallino, Augusto 457
Geshi, Eiichi 503, 515
Giannitsis, Evangelos 741
Göksel, Siber 333
Gomi, T. 605
Goto, M. 563
Gotoh, K. 573
Goya, Masahiko 877
Gümüs, Bilali 73
Guo, Fang 445

Haaksma, Jaap 841
Haase, Henning 741
Hakamata, Naohiro 433, 849
Hamada, Hiroaki 433, 849
Hamada, Y. 570, 583
Hamaoka, Kenji 39
Hammond, Michael G. 663
Handa, Shunnosuke 263
Hano, T. 580
Hara, Akiyoshi 11
Hara, K. 596
Hara, Kazuhiro 191
Harada, M. 586
Harumi, Kenichi 207
Hasegawa, Tsuyoshi 859
Hashiyada, Hiroshi 729
Hashizume, Hiroko 11
Hatta, S. 559
Hatta, T. 575
Hayakawa, Tetsuo 769
Hayami, Noriyuki 637
Hayashi, Hideki 419
Hayashi, Kazunori 769
Hazama, F. 573
Hibi, Kiyoshi 821
Higaki, J. 577
Higashi, Y. 569
Higashino, H. 566
Higuchi, Y. 604
Himeno, A. 592, 597
Hirafuji, M. 568
Hiraoka, J. 591
Hiraoka, Masayasu 297
Hiroe, Michiaki 749, 877
Hirohata, Satoshi 281
Hishida, M. 566
Hitoto, T. 564
Homma, Hiroshi 151
Hoque, A.N. Ehsanul 11
Horinaka, Shigeo 799
Hosoda, K. 591
Hosoda, Saichi 1
Hou, Shou-Hsien 133
Hsu, Kuan-Lih 227, 463, 717

Iizuka, Masahiko 651
Ijiri, Hiroshi 607
Ikari, Yuji 191
Ikeda, K. 591, 594
Ikeda, M. 557, 578
Ikeda, T. 605
Ikeda, Y. 598, 599
Ikeda, Yumiko 821
Imai, Masanobu 145
Imamura, Hiroshi 27
Imanaka, Kazuhito 865
Inoue, Hiroshi 419
Inoue, Masashi 637
Inoue, T. 601
İscan, Akin 497
Ishibashi, K. 569
Ishibashi, R. 563
Ishigami, Tomoaki 821
Ishii, Masao 393, 821
Ishii, T. 576

Ishikawa, Kyozo 163
Ishikawa, M. 586
Ishiki, Ryoji 191
Ishimitsu, Toshihiko 799, 831
Ishinaga, Y. 592
Ishiwata, Sugao 181
Ishiwata, Toshiyuki 445
Isogai, O. 596
Itabashi, Akira 685
Ito, Hiroshi 749, 877
Ito, M. 598, 599
Ito, N. 570
Ito, Susumu 139, 487
Ito, Takayuki 769
Itoh, H. 575
Itoh, Seiji 515
Iuchi, Arata 139, 487
Iwami, Yasuyo 535
Iwasaki, T. 589
Iwasaki, Tadaaki 345
Iwasaki, Tatsuya 219
Iwasawa, A. 587
Iwase, Takashi 181

Kageyama, H. 594
Kajiwara, N. 576
Kajiyama, G. 569
Kambe, M. 569
Kamitani, M. 582
Kamiya, Tetsuro 291
Kanai, Y. 568
Kaneko, Yukihiro 709
Kangawa, K. 567
Kanmatsuse, K. 576, 596
Kanmatsuse, Katsuo 107
Kasahara, M. 563
Katagiri, Takashi 207, 503, 515
Kataoka, H. 573
Katayama, Shigehiro 685
Kato, J. 567
Kato, K. 568
Kato, Mutsuo 685
Katoh, H. 600
Kawa, T. 575
Kawaguchi, Hideaki 317
Kawahara, F. 568
Kawamura, K. 579
Kawashima, K. 572
Kawauchi, Motohiro 677, 865
Kazama, M. 564
Kazihara, K. 587
Khan, AI. 567
Khedun, Shaun M. 663
Kimata, Shin-ichi 1
Kimura, Masayuki 831
Kir, Metin 333
Kiraku, Junichi 387
Kisacik, Halil Lütfi 333
Kishida, Hiroshi 151
Kitabatake, Akira 317
Kitamura, K. 567
Kitazawa, Hitoshi 369
Kiyama, M. 575
Kiyosawa, Kendo 117
Kobayashi, M. 600, 601
Kobayashi, S. 574
Kohno, Isao 607
Kohshi, Kiyotaka 535
Koike, Akira 877
Kojima, Toshiaki 107
Komatsu, K. 596
Komiyama, Nobuyuki 181
Kondo, Jun 281
Kondo, Kazuhiko 107
Kondo, M. 565
Kondo, Masahiko 361
Kondo, T. 598
Kondoh, Junichiro 769
Konishi, Hiroaki 859
Konno, Noburu 503, 515
Kono, M. 596
Korkmaz, Şule 127, 333
Kotsuka, Yutaka 865
Kouhei, Y. 570, 583
Kubota, Hiroshi 677, 869
Kubota, J. 579
Kugimiya, Toshiyasu 729
Kumai, T. 574
Kunishima, Tomoyuki 219
Kural, Tevfi 333
Kurihara, T. 596
Kuroiwa, Akio 535
Kusachi, Shozo 145, 281
Kusama, Yoshiki 151

Kushiro, T. 576
Kütük, Emine 127, 333
Kuwahara, K. 586

Lai, Zu-Ping 227
Lee, Ying-Shiung 531, 541
Legault, Benôit 869
Liao, Wer-Ber 531
Liboni, Alberto 67
Lie, Kong I. 841
Lin, Pyng-Jing 531
Lo, Huey-Ming 227, 463, 717
Lusson, Jean-René 869

Machara, Kazuhira 775
Maeczawa, Hirotada 651
Magishi, Katsuaki 11
Maharaj, Breminand 663
Manabe, Kazuyo 139, 487
Manfredini, Roberto 67
Marchal, Juan A. 779
Marumo, Fumiaki 749, 877
Maruno, Yoshiko 685
Maruyama, Yukio 91, 775
Mascoli, Francesco 67
Mashima, S. 587
Mashima, Saburo 361
Masuda, I. 586
Masuyama, Y. 595
Masuzaki, H. 591
Matsuda, K. 584, 585
Matsui, A. 564
Matsui, Y. 564
Matsumoto, K. 577
Matsumoto, T. 563
Matsuoka, Hiroaki 799
Matsuu, M. 598, 599
Matsuura, H. 569
Matsuzaki, S. 598
Melguizo, Consolación 779
Michihata, Tetsuo 207
Miki, S. 575
Mima, Tsutomu 145
Minami, M. 568
Misawa, Yoshio 859
Mishima, A. 592, 597
Mitake, Akio 393
Miyagawa, Naotaka 729
Miyahara, Yasuhiro 749
Miyaji, Kagami 677, 709, 865
Miyamoto, Y. 586
Miyata, Tomoko 393
Miyazaki, Naomichi 393
Mizukoshi, M. 580
Mizumaki, Kouichi 419
Mizuno, H. 557, 578
Mori, Hideki 811
Mori, T. 579
Moriguchi, A. 577
Moriguchi, J. 575
Morimoto, S. 575
Morishita, Naoya 145
Morishita, R. 577
Morris, RC Jr. 561, 562
Mukae, Shuji 515
Mukoyama, M. 563
Murakami, Masahiro 281
Murakami, T. 570, 583, 602, 603
Murakawa, Yuji 637
Murata, Kazuhiko 831
Murata, M. 606
Murayama, Masahiro 219
Muroi, Isabel M. 651
Musha, Haruki 219

Nabika, T. 592
Nagahara, Toshihiro 821
Nagami, Keiichi 263
Nagashima, Junzo 219
Naito, S. 598, 599
Naito, Zenya 445
Nakagawa, M. 563, 575
Nakagawa, O. 586
Nakai, Toshiko 107
Nakamura Y. 587
Nakamura, Haruo 433, 849
Nakamura, K. 575
Nakamura, T. 577
Nakamura, Toshika 219
Nakanishi, Shigemoto 27, 181
Nakano, Minoru 91
Nakano, N. 577
Nakano, Y. 569
Nakao, K. 563, 586, 591

Nakashima, M. 599
Nakashima, Yasuhide 535
Nakata, T. 575
Nakata, Yasuro 379
Nakayama, N. 596
Nakayama, S. 582
Nakayama, T. 599
Nakazato, Kaoru 379
Nakazato, Yuji 379
Nakura, H. 574
Nanbu, A. 593
Nara, Y. 591, 594
Negishi, Kiyohiko 685
Nemoto, K. 594
Ninomiya, Yoshifumi 281
Nishi, Yutaro 181
Nishigaki, Ryutaro 445
Nishimura, M. 593
Nishimura, Y. 588
Nishio, I. 580, 595
Nishiyama, Genyo 361
Nishiyama, S. 582
Nishiyama, Shinichiro 27, 181
Niwa, M. 592, 597
Niwano, Shin-ichi 369
Nogami, Akihiko 877
Noguchi, T. 558
Nomaguchi, H. 600, 601
Numaguchi, Yasushi 769

Occhionorelli, Savino 67
Ochiai, Hisao 393
Ogawa, E. 586
Ogawa, H. 602, 603
Ogawa, Kenichi 651
Ogawa, Y. 591
Ogihara, T. 577
Ogura, Shunsuke 379
Oğuzhan, Abdurrahman 333
Ohira, A. 589
Ohshika, H. 559
Ohsuzu, Fumitaka 433, 849
Ohta, Y. 560, 571, 581
Ohtsuka, Toshiya 709
Ohyanagi, M. 589
Oikawa, Naoki 637
Okabe, T. 576
Okada, J. 605
Okada, T. 582
Okamoto, Yoshio 361
Okazaki, Osamu 207
Oki, Takashi 139, 487
Oku, Koji 811
Okugawa, K. 565
Okumura, Kenji 769
Okutani, Mitsuaki 607
Olson, JL. 561
Omata, Masao 637
Omata, Sadao 709
Ono, Minoru 677, 865
Ono, N. 569
Onouchi, Zenshiro 39
Ooba, Haruo 219
Oohama, Nagatoshi 219
Ooida, Akitsugu 651
Oonishi, T. 605
Osada, H. 564, 587
Oshibuchi, Reiko 409
Oshima, T. 569
Otsuka, K. 593
Otsuka, Y. 576
Ozaki, M. 604
Ozawa, Yukio 107
Özdemir, Kurtulus 333
Özdemir, Murat 127
Özeren, Ali 199, 669
Özilgili, Hilal M. 83
Ozono, R. 569

Pacher, Richard 53
Park, A. 557, 578
Polat, M. Fevzi 83
Portaluppi, Francesco 67
Prados, Jose 779

Rizzioli, Emanuela 67
Ruse, Françoise 869

Sagara, Etsuro 831
Saito, H. 559, 568
Saito, N. 582
Saito, Satoshi 107
Saito, Tomiyoshi 775
Saito, Y. 586

Sakai, Y. 580
Sakamaki, Tetsuo 831
Sakashita, K. 605
Salmi, Raffaella 67
Sancaktar, Oktay 625
Sano, Issei 281
Sano, Toshio 821
Sarica, Yakup 199
Sasaki, N. 569
Sasaki, Ryotaro 345
Sasaki, S. 575
Sasaki, Y. 558
Sasaki, Y. 605
Sasaki, Yasuyuki 117
Sassa, Hiromi 769
Satani, O. 580
Satou, T. 606
Sawamura, M. 591
Schmidlin, O. 561, 562
Schmüker, Georg 741
Scholtens, Egbert 697
Seki, Akira 27, 181
Seki, J. 558
Sekiguchi, F. 584, 585, 590
Sekimoto, M. 594
Sekine, I. 598, 599
Semiz, Ender 625, 793
Senba, E. 594
Sezaki, Kazunori 637
Sheikhzadeh, Abdolhamid 741
Shibaguchi, H. 597
Shibata, Akira 831
Shibata, Ryuichiro 729
Shibosawa, Toshiyuki 685
Shichijo, K. 598
Shigematsu, K. 592, 597
Shimada, Kazuyuki 859
Shimamura, K. 584, 585, 590
Shimizu, Noritaka 877
Shimizu, Y. 587
Shimizu, Yutaka 361
Shiotani, M. 580
Shirai, Toshizumi 749
Shirasaka, N. 583
Shoucri, Rachad M. 253
Sone, Takahito 769
Sözütek, Yalçin 127
Stanek, Brigitte 53
Sugawara, A. 563
Sugisawa, Kazuhiko 345
Sugishita, Yasuro 831
Sugiura, Seiryo 709
Sumiyoshi, Masataka 379
Sunano, S. 584, 585, 590
Suyama, Kazuhiro 117
Suzanne, Oparil 555
Süzek, Hüseyin 273
Suzuki, A. 566
Suzuki, A. 588
Suzuki, M. 605
Suzuki, Masahiro 263
Suzuki, T. 560, 571, 581

Tabata, Tomotsugu 139, 487
Tabuchi, M. 557
Taguchi, T. 592, 597
Tahir, Ahmed 869
Takada, Hideomi 219
Takagi, Masatake 729
Takahashi, H. 593
Takahashi, Naoyuki 387
Takahashi, S. 606
Takahashi, Yoshikazu 107
Takatera, K. 602, 603
Takaya, K. 591
Takeda, K. 575
Tamura, Kohji 607
Tamura, Tsutomu 191
Tanaka, I. 563
Tanaka, Keita 865
Tanaka, M. 561, 562
Tanaka, M. 574
Tanaka, Osamu 677
Tani, Masanao 419
Tanimura, A. 568
Taniyama, K. 604
Tassi, Adriana 67
Tateishi, T. 574
Terada, M. 565
Tezcan, U. Kemal 127
Thuthumi, S. 600
Timour, Quadiri 237
Tkebuchava, Tengis 457
Tochikubo, Osamu 393

Togashi, H. 559
Toki, Yukio 769
Tomita, I. 594
Tomita, Masataka 515
Tomita, T. 557, 578
Tsai, Chang-Her 463, 717
Tseng, Chuen-Den 227, 463, 717
Tseng, Yung-Zu 227, 463, 473, 717
Tsuboi, Hideyuki 769
Tsuchiya, Noriaki 799
Tsuda, K. 595
Tsuji, Takao 281
Tsukada, Kohju 799
Tsukamoto, K. 596
Tsutsumi, T. 564, 587
Turina, Marco I. 457

Uchida, K. 606
Uchiyama, Hirohide 369
Ueda, Toshiyuki 145
Ueno, Akira 409
Ueyama, M. 579
Ueyama, T. 594
Ulucan, S. 787
Umemura, Satoshi 821
Umetsu, Kazuhiko 515
Uneda, Susumu 821
Usal, Ayhan 669
Ushiroda, Shinichi 91
Utsunomiya, Toshinori 811
Uyanik, B. Sami 83
Uyanik, Bekir Sami 73
Uyesaka, N. 605

van Bekkum, Coen 697
van de Ven, Louis L. M. 841
van den Berg, Maarten P. 841
van Gilst, Wiek H. 697
van Veldhuisen, Dirk J. 697
Velez, Celia 779
von Segesser, Ludwig K. 457

Wainai, Yumiko 263
Walter, Z. 598, 599
Wang, Seu-Mei 717
Washizuka, Takashi 369
Watanabe, Hiromi 107
Watanabe, Ichiro 107
Watanabe, M. 574
Watanabe, Takuya 207, 503
Watanabe, Toshiro 685
Watanabe, Yoshio 617
Witting, Wil 841
Wu, Chang-Teng 133

Yagi, Shigeru 831
Yagihara, Toshikatsu 291
Yagyu, Kuniyoshi 865
Yahata, K. 563
Yajima, Takashi 749
Yaku, Hitoshi 291
Yalçinkaya, Selim 625
Yamachika, Shiro 811
Yamada, Hirotsugu 139, 487
Yamada, Nobuhiro 1
Yamada, Takafumi 729
Yamaguchi, Hiroshi 379
Yamaguchi, N. 572
Yamaguchi, Tetsu 191
Yamaji, Hirosuke 145
Yamamoto, J. 558
Yamamoto, J. 589
Yamamoto, K. 584, 585, 590
Yamanaka, Hideyuki 207
Yamasaki, Masao 191
Yamashita, K. 604
Yamashita, Takeshi 637
Yamauchi, Hideto 729
Yamori, Y. 591, 594
Yanagawa, Shin 107
Yanagishita, Toshikuni 503, 515
Yanagishita, Yoshiki 181
Yano, Katsusuke 811
Yasuda, Masayuki 379
Yeğin, Aysenur 793
Yeğin, Esref 273
Yeğin, Haluk 793
Yi, SL. 561, 562
Yiğitoğlu, M. Ramazan 73, 83, 273, 497
Yip, Alex S.B. 643
Yogi, Y. 600, 601
Yokokoji, K. 576
Yokoyama, Izumi 1

Yoshikawa, Tsutomu 263
Yoshimura, M. 569
Yoshimura, M. 593
Yoshino, K. 564
Yoshioka, M. 559
Yoshizumi, H. 583
Yung, Tak-Cheung 643

Zamboni, Paolo 67
Zou, L-B. 584, 585

SUBJECT INDEX

A

abdominal aortic aneurysms 67
accessory pathways 643
ACE 274, 503, 577, 799
ACE gene 227
ACE gene polymorphism 637, 821
ACE inhibitor 571, 832
acetylcholine release 595
action potential shortening 297
activated protein C resistance 769
acute aortic regurgitation 139
adenylyl cyclase type V 849
adrenomedullin 567
age 605
aging 433
alcohol 387
alpha-1 adrenergic function 566
amlodipine 569
amrinone 515
angina pectoris 1, 859
angioplasty 626
angiotensin II 578, 587
angiotensin II receptor type I 580
angiotensin II type 2 (AT2) receptor 563
angiotensinogen 317
anti-ischemic drugs 11
antiheart antibodies 779
antiphospholipid antibody syndrome 769
aortic banding 697
aortic smooth muscle cells 589
aortic regurgitation 263
apical hypertrophic cardiomyopathy 741
apolipoproteins 83, 497
ATP 40
ATP, ADP 297
ATP-sensitive K^+ channels 297
atrial and atrioventricular nodal refractoriness 841
atrial and venous diameters 409
atrial fibrillation 387, 487, 841
atrial flutter 420
atrial natriuretic peptide 274, 799
atrial pacing 741
atrial septal defect 677
autoantibodies 779

B

Barlow's disease 865
barotrauma 107
β-adrenergic receptor 263, 317
β-adrenoceptor 849
β-receptor 145
β-blockade 841
β-blocker 219
biologic zero time 607
blood pressure 572
body surface potential maps 473
body surface potential mapping 361
body surface recovery time 345
brain 592, 594
brain amiloride-sensitive sodium channels 593
brain death 617
brainstem 597
buckwheat protein extract 602
bundle branch block 361

C

Ca sensitivity 585
CABG 27
Ca^{2+}/calmodulin-sensitive adenylyl cyclase 559
calcium antagonists 237
calcium-channel blockade 503
calcium intibitor 571
captopril 570
cardiac contractility 464
cardiac myocytes 587
cardiac rhabdomyomas 133
cardiac transplantation 617
cardiogenic shock 515
cardioversion 487
cardioprotection 297
cardiotropin-1 mRMA 586
catecholamine 145, 574
catheter ablation 107
cerebral cortex 559
children 40
Chinese population 227

cholesterol metabolism 603
chronotherapy 607
cilazapril 569
circadian variability 607
Cl^--sensitive hypertension 562
common atrium 291
colonic ulcer 599
contractile function 697
contractile responses 588
coproporphyrin 749
coronary artery 575, 588
coronary artery disease 27, 151, 181, 207, 333, 345, 787, 799
coronary atherosclerosis 793
coronary circulation 755
coronary flow reserve 40, 755
coronary flow velocity 40
coronary heart disease 1, 227, 607
coronary pressure-flow relationships 755
coronary risk factors 685
coronary stents 626
cough 832
Crow-Fukase syndrome 877

D

depressor responses 596
digoxin 263
dilated cardiomyopathy 145, 531
direct blood pressure measurement 393
direct current ablation 107
disopyramide 535
dobutamine 333, 515
dobutamine stress echocardiography 151
docosahexaenoic acid 568
dopamine 515
double-vessel disease 181
downsloping ST-segment depression 207
Duchenne type 163

E

early ischemia 297
elderly men 73
electroencephalogram 560
end-systolic pressure-volume relation 253
endotoxin 445
endothelin-1 (ET-1) 575
endothelin (ET) receptor 597
endothelium-dependent hyperpolarization 584
endothelium-dependent relaxaton 590
endothelium-dependent vasodilation 755
endsystolic wall stress 464
erythrocyte 583, 793
erythrocyte deformability 605
erythrocyte volume 387
exercise 219, 333, 535
extracellular matrix 281

F

fetal tachyarrhythmia 133
5-hydroxytryptamine 588
flecainide 379
forearm circumference 409
free fatty acid 11
free radicals 91
free-radical-related enzyme activity 604
frequency-domain analysis 117

G

G-proteins 589
gene polymorphism 799
GTP binding protein 317
glucose intolerance 685
glutathione peroxidase 583

H

HDL 1
He-Ne laser 558
head-up tilt 535
heart failure 54, 263, 317, 579, 697, 749, 755, 859
hemoconcentration 387
hemodialysis 83, 821
hemodynamic 54, 564
hepatocyte growth factor (HGF) 577
hibernating myocardium 151
hippocampus 559
HLA-A, HLA-B, HLA-DR, HLA-DQ antigens 663
homograft 869
hypercholesterolemia 685
hyperinsulinemia 685
hypertension 561, 685, 832
hypertensive heart 575
hyperthyroidism 274
hypertriglyceridemia 685
hypertrophic cardiomyopathy 139, 877
hypertrophy 821, 849
hypothyroidism 274

I

immunohistochemistry 445

incomplete atrioventricular septal defect 291
Indian patients 663
indirect blood pressure measurement 393
insulun resistance 718
intraatrial rerouting 291
intracellular Ca^{2+}-concentration 557
intracellular Ca^{2+}-homeostasis 578
irradiation injury 598
ischemia 11, 345
ischemic heart disease 219
ischemic stroke 199
isoproterenol 849

J

Japanese men 685

K

KCl 561, 562
$KHCO_3$ 562
$KHCO_3$/K citrate 561
kidney 563

L

lactate metabolism 741
laminin $\alpha 1$, $\alpha 2$, $\alpha 4$ and $\beta 1$ chain mRNA 281
late potential 117
LDL 1
left atrial active stroke index 651
left atrial appendage function 487
left isomerism 291
left ventricular diastolic dysfunction 139
left ventricular dilatation 651
left ventricular end-diastolic pressure 651
left ventricular hypertrophy 139
left ventricular mass 799, 821
left ventricular remodering 503
left ventricular thrombus 531
left ventricular tumor 457
lens 606
lipid metabolism 602
lipid peroxidation 604
lipoprotein 73, 497
lipoprotein (a) 83
lisinopril 831
lone atrial fibrillation 637
long-term follow-up 625
long-term outcome 181
long-term prognosis 27
long-term therapeutic effects 571
lovastatin 541
low-level exercise 207
low-output syndrome 729
lysophosphatidylcholine 11

M

M-SHRSP 560
macrocytosis 387
macroreentry 369
maximal elastance 718
maximum elasrance Emax 253
mechanical stretch 589
mesangial cells 563
mesenteric artery 582, 584
metoprolol 145
MIBG scintigraphy 145
mitochondria 515
mitral stenosis 669, 812
mitral valve area 812
mitral valve regurgitation 865
mitral valve repair 865
molecular biology 281
monoclonal IgG λ M protein 877
muscle bridge 741
myocardial contractile function 709
myocardial infarction (MI) 1, 27, 91, 227, 515, 579, 651, 697, 769, 779, 859
myocardial ischemia 741
myocardial proteins 779
myocardial stiffness 709
myocardial stiffness constant 718
myxoid degeneration 865

N

natural history 67
neonatal SHR/Izm 587
neonatal tuberous sclerosis 133
neurally mediated syncope 535
neurotrophins mRNA 594
newborns 497
nicardipine 729
nifedipine 570
nitric oxide (NO) 572, 575
nitric oxide synthase (NOS) 445, 573
nitroglycerin 409
N-methyl-D-aspartate (NMDA) 595
noninsulun dependent diabetes mellitus 464
norepinephrine 433, 729

O

obese SHR 591
obesity 685
osmotic minipump 849
ostialstenosis 191

P

Palmaz-Schatz stent 191
papillary fibroelastoma 457
passive force 590
periarteritis nodosa 582
phentolamine 729
pigs 841
pituitary vascular casts 581
plasma leptin 591
plasma renin activity 561
platelet Ca^{2+} handling 569
P-MRS 606
POEMS syndrome 877
portal vein circular muscle 585
positron emission tomography 208
pregnancy 497
pressor mechanism 593
proarrhythmia 379
progressive muscular dystrophy 163
prostaglandin E1 54
protoporphyrin 749
proximal isovelocity surface area method 812
PTCA 27
pulmonary atresia 869
pulmonary edema 859
pulmonary vascular disease 677

Q

QRS score 787
QT dispersion 219
quinapril 579

R

radiation 599
radiofrequency ablation 127, 420
radiofrequency catheter ablation 643
reentrant pathway 420
reentry 117
regional wall stress 709
renal failure 83, 541
renal lesions 561
renin 317
reperfusion 11, 91
reperfusion therapy 27
rhabdomyolysis 541
rheumatic heart disease 663
rodent model 555
RTPCR 445
rupture 67

S

SA gene mRNA 592
seasonal variations 67
selenium-glutathione peroxidase activity 793
serotonin 596
70 years of age 677
sexual dimorphism 555
shichimotsu-koka-to 604
SHR 503, 564, 567, 569, 574, 576, 579, 580, 581, 582, 589, 595, 596, 598, 599, 600, 601, 605, 606
SHRSP 557, 559, 561, 562, 563, 565, 566, 570, 571, 572, 573, 578, 581, 583, 588, 590, 594, 602, 603, 604
SHRSP/Izm 558, 586, 593
side branch occlusion 191
signal-averaged electrocardiogram 117
signal transduction system 317
single photon emission computerized tomography 333
single-vessel disease 27
sodium nitroprusside 574
smoking 497
spontaneously hypertensive rat 503
ST elevation 379
stress echocardiography 333
stress response 564
superoxide 91
supraventricular tachycardia 643
sustained monomorphic ventricular tachycardia 117
sympathetic nervous system 433

T

tactile sensor 709
telemetry system 564
testicular arteriole 582
testosterone undecanoate 73
tetralogy of Fallot 869
thiazide diuretics 832
thrombectomy 531
thromboembolism 669
thrombin 557

thrombotic tendency 558
thrombus formation 558
time-domain analysis 117
transesophageal echocardiography 199, 669
transesophageal pulsed Doppler echocardiography 487
transient entrainment 369
tricuspid annuloplasty 677
tricuspid annulus 420
tricuspid valve regurgitation 677

U

uroporphyrin 749

V

vascular renin-angiotensin 576
vascular smooth muscle cells 568
ventricular activation patterns 361
ventricular fibrillation 237
ventricular gradient 361
ventricular hypertrophy 433
ventricular myocytes 503
ventricular repolarization 473
ventricular premature depolarizations 127
ventricular tachycardia 107, 127, 369
ventriculo-arterial coupling 253
velocity of circumferential fiber shortening 464
verapamil 238
viable myocardium 151
vitamin E 603
volume flow rate 812
voluntary running 565

W

Waterston anastomosis 869
Wiktor stent 626